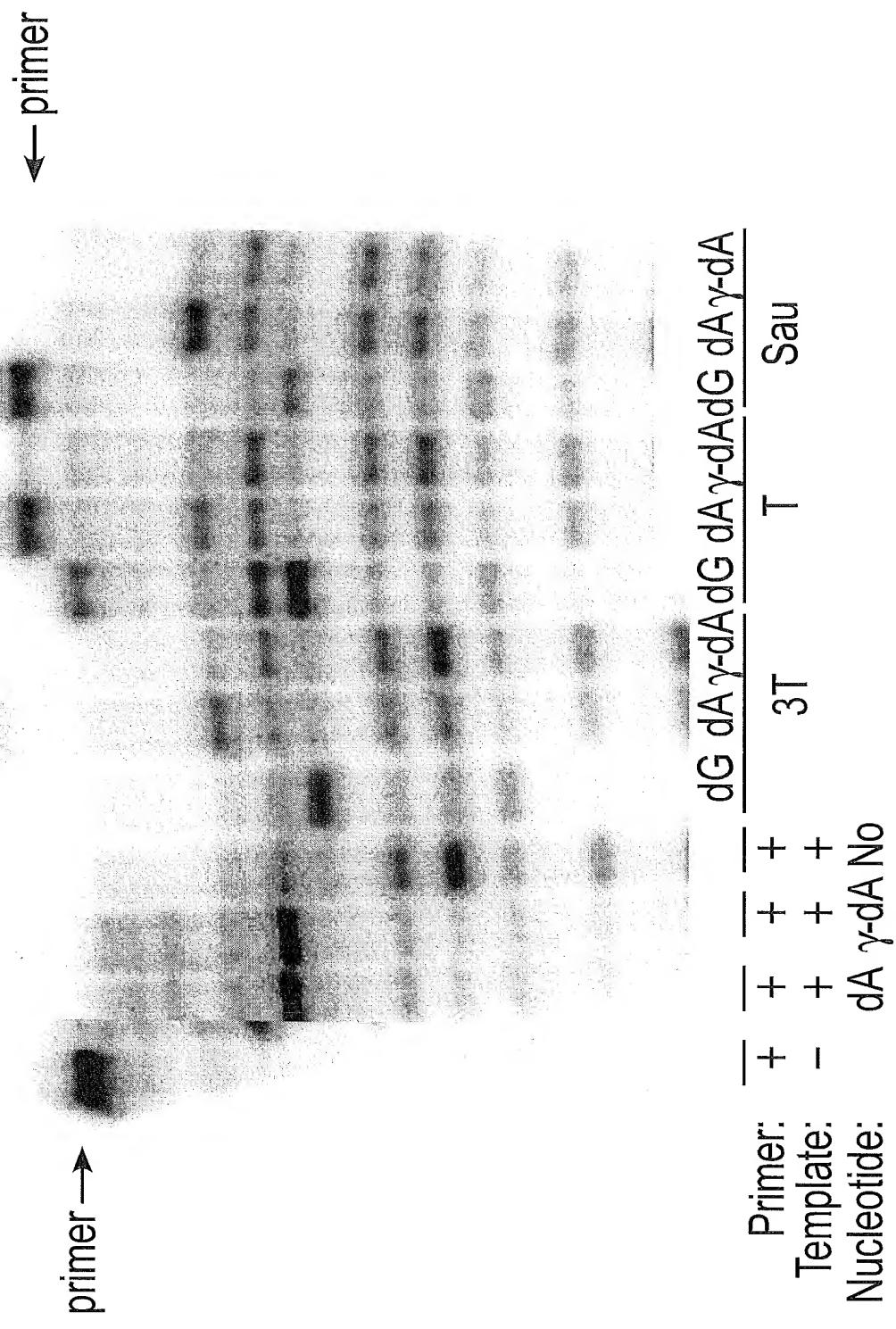


REPLACEMENT SHEET

FIG. 9
Pfu Primer Extension Assays



REPLACEMENT SHEET

- PRIMER STRAND:

Top 5' GGT ACT AAG CGG CCG CAT G 3'

- TEMPLATE STRANDS:

3T 3' CCA TGA TTC GCC GGC GTA CTT TC 5'
Sau 3' CCA TGA TTC GCC GGC GTA CCT AG 5'

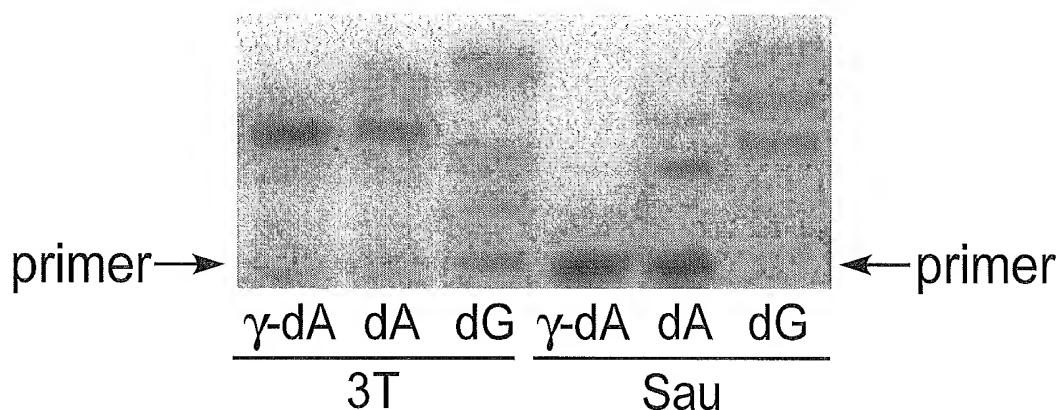


FIG. 10

REPLACEMENT SHEET

- PRIMER STRAND:

Top 5' GGT ACT AAG CGG CCG CAT G 3'

- TEMPLATE STRANDS:

BOT -3T 3' CCA TGA TTC GCC GGC GTA CTT TC 5'
BOT - Sau 3' CCA TGA TTC GCC GGC GTA CCT AG 5'

| Enzyme: | None | T7 | T7 | Seq | Seq | T7 | | Sequenase | | | | | Taq | | |
|-------------|------|----|--------------|-----|--------------|-----------------|------------|-----------|-----------------|------------|----|-----------------|-----|----|--------------|
| Primer: | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Template: | - | + | - | + | | <u>BOT - 3T</u> | <u>Sau</u> | | <u>BOT - 3T</u> | <u>Sau</u> | | <u>BOT - 3T</u> | | | |
| Nucleotide: | - | dA | γ -dA | dA | γ -dA | dG | dA | (spill) | γ -dA | dG | dA | γ -dA | dG | dA | γ -dA |

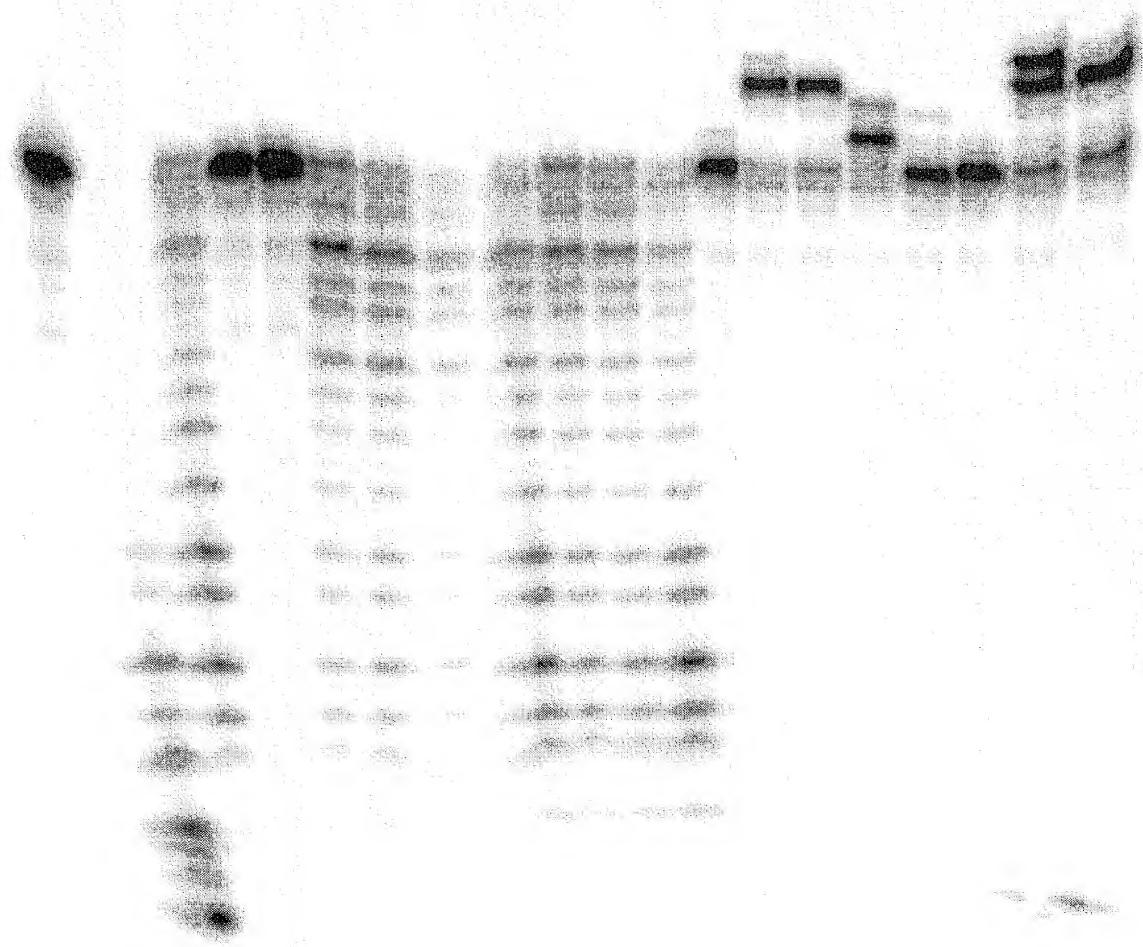


FIG. 11

REPLACEMENT SHEET

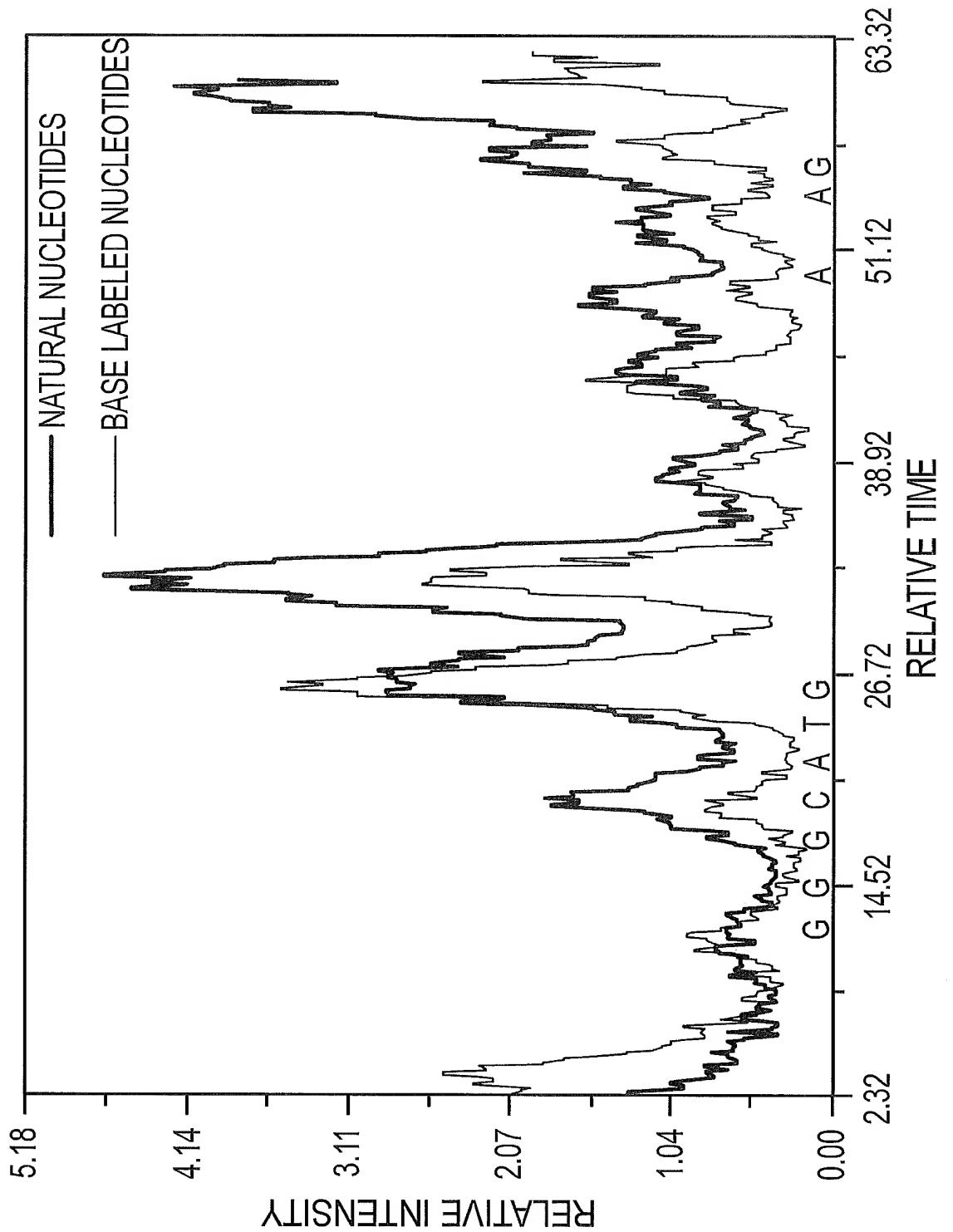


FIG. 12